SONY

3-798-878-11 (1)

Black and White Video Camera

SSC-530AM

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. SSC-530AM Serial No. _____

AUTOMOTIVE
WatchCam

Sony Corporation © 1995 Printed in Japan

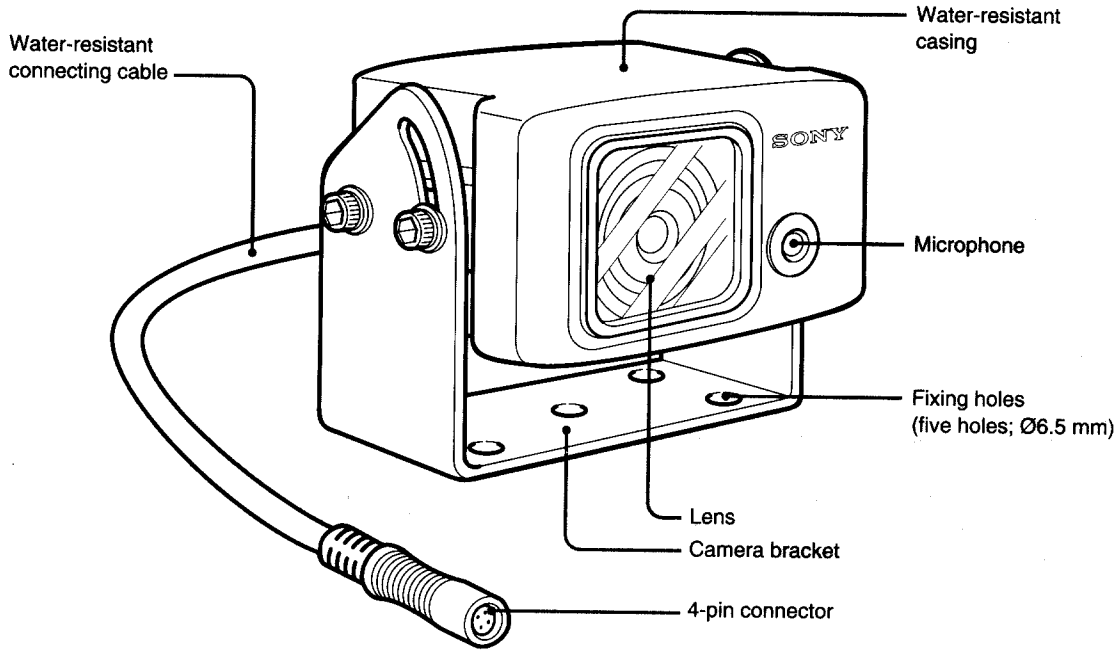
Features

The SSC-530AM is a black and white video camera designed for fitting to a bus or truck, to provide the driver with a view of the rear of the vehicle. It should be used together with a black and white monitor such as the Sony SSM-721AMR.

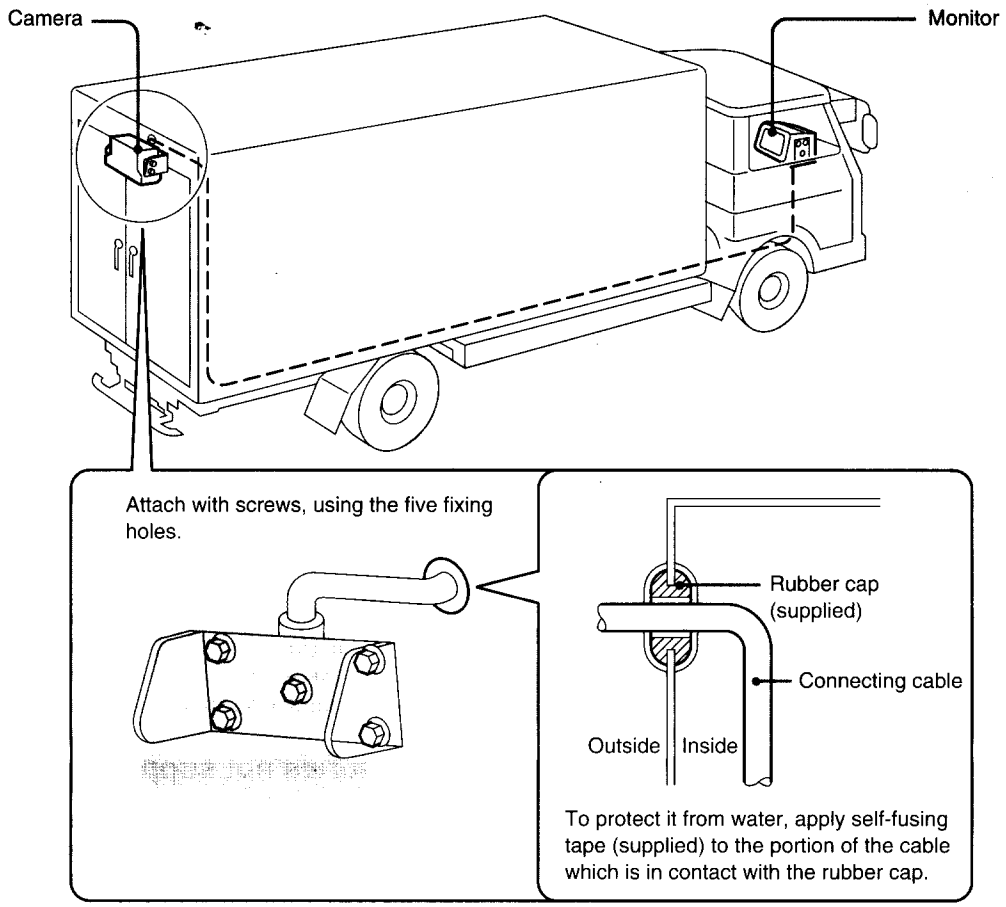
It has the following main features:

- Compact and lightweight
- Uses a CCD (Charge Coupled Device) image sensor, giving a high resolution picture.
- Wide field of view — 100 degrees horizontally, 80 degrees vertically
- Protected by a water-resistant casing, so it can be used even where exposed to rain, snow and spray.
- Uses a 4-pin connector, so only one cable is needed to connect to a monitor.
- Operates in a wide temperature range (–20°C to +70°C; –4°F to +158°F).
- Built-in electret condenser microphone allows aural check.

Part Designations



Installation Example

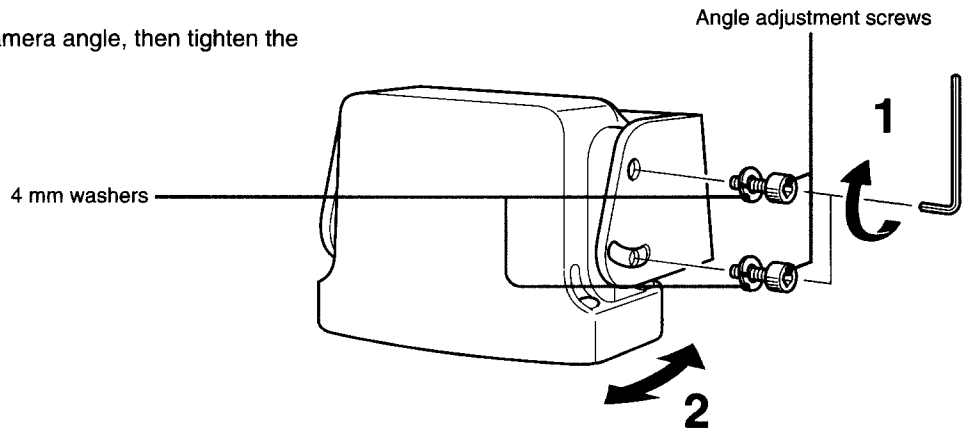

Camera
Monitor
Attach with screws, using the five fixing holes.
Rubber cap (supplied)
Connecting cable
Outside
Inside
To protect it from water, apply self-fusing tape (supplied) to the portion of the cable which is in contact with the rubber cap.

Attaching the camera bracket to the camera

1 Using the four angle adjustment screws*, the 4 mm washers*, and the 3 mm Allen key*, attach the camera bracket* to the camera loosely enough for adjustment.

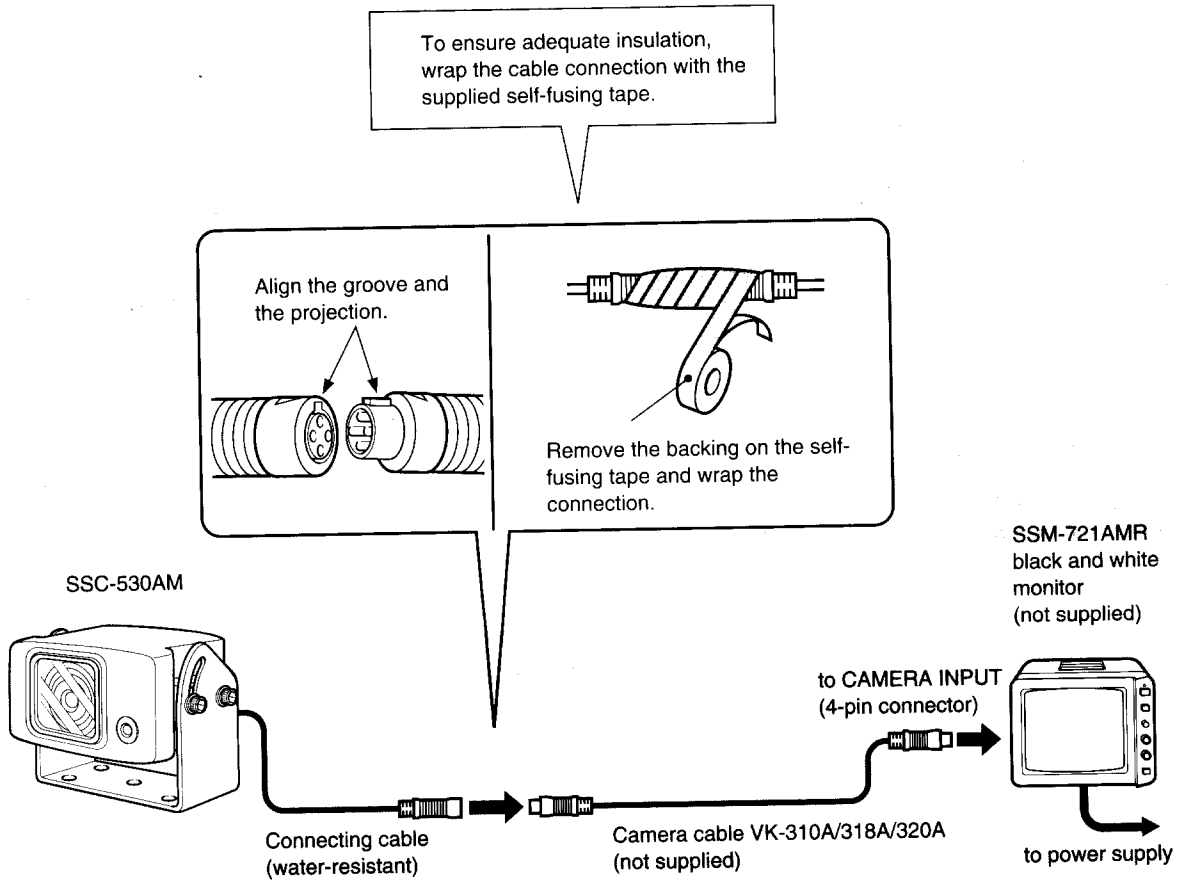
*: supplied

2 Adjust the camera angle, then tighten the screws.



Connecting to a Monitor

Example: Connecting to the SSM-721AMR 7-inch black and white monitor


To ensure adequate insulation, wrap the cable connection with the supplied self-fusing tape.
Align the groove and the projection.
Remove the backing on the self-fusing tape and wrap the connection.
SSC-530AM
SSM-721AMR black and white monitor (not supplied)
to CAMERA INPUT (4-pin connector)
Connecting cable (water-resistant)
Camera cable VK-310A/318A/320A (not supplied)
to power supply

The camera is supplied with power through the connecting cable, so the camera power is automatically turned on when the power to the monitor is turned on.

Notes

- To prevent the possibility of an accident caused by a short circuit, disconnect the ground terminal of the vehicle battery before installation.
- Ensure that the cable is connected firmly. Otherwise there may be problems, such as a poor picture, or total failure of operation.
- Ensure that the cable is properly protected if it has to pass through the engine compartment.
- When washing the vehicle with a pressure hose, be sure to keep the nozzle at a distance of at least 1 meter from the camera.

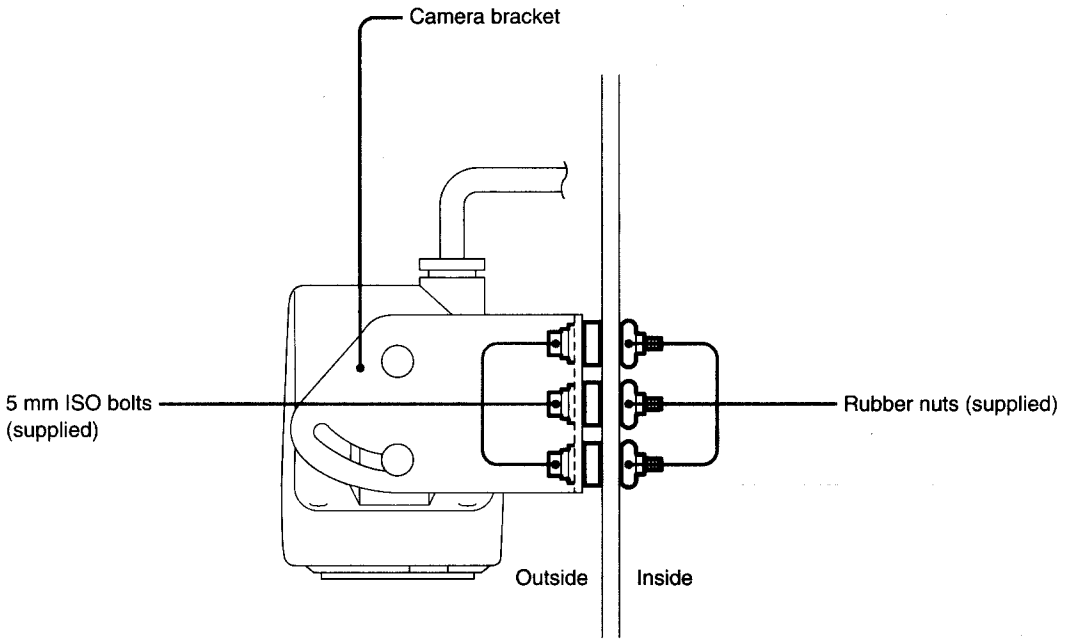
Mounting using rubber nuts

If the camera bracket is fastened directly to the vehicle body, noise may appear in the picture on the monitor. In this case the camera bracket should be mounted so that it is not in direct contact with the vehicle body, using the supplied rubber nuts.

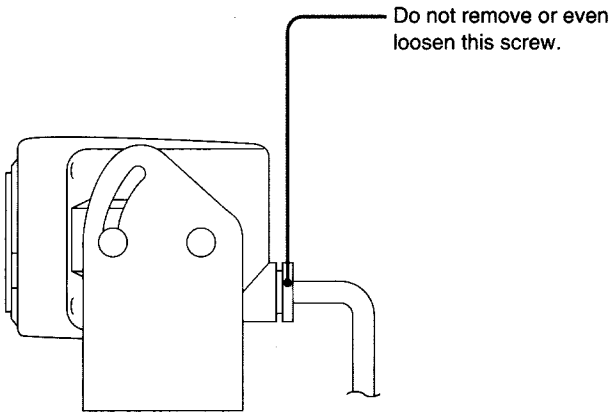
1 Enlarge the five holes in the vehicle body to between 10.2 mm and 10.5 mm in diameter.

2 Insert the supplied rubber nuts into these holes.

3 Using 5 mm hexagon head bolts (ISO, 20 mm long) and 5 mm washers, fasten to a torque of 5 to 6 kg per cm.



Important



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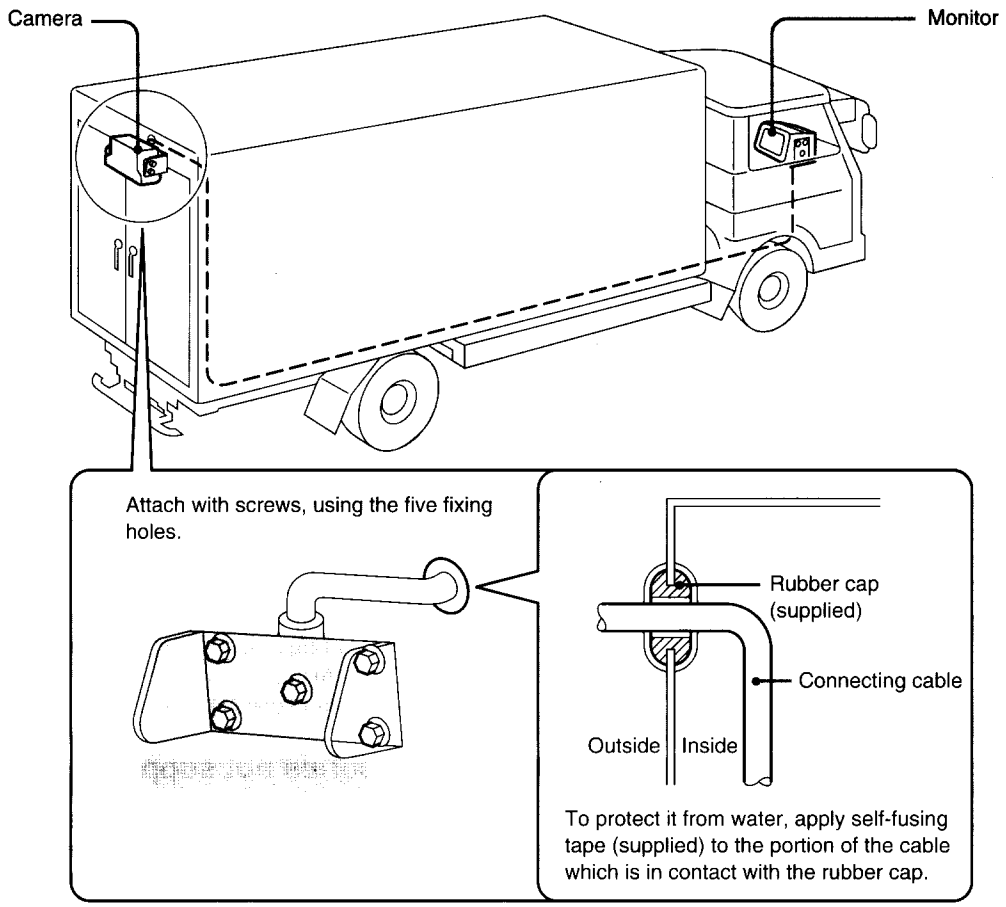
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